



# Sony Vaio VGN-S260 Logic Board Replacement

Written By: Jeffrey Bryan



## INTRODUCTION

How to remove the Logic Board from the Sony Vaio VGN-S260 laptop

---

### TOOLS:

- [5mm Nut Driver](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
  - [Spudger](#) (1)
-



## Step 1 — Battery



- Flip the laptop over so the Vaio logo is facing down
- Locate the battery at the top and Find the release and unlock slides on the battery
- Slide the unlock tab to the unlock position
- Slide the release tab in the direction of the arrow, i.e. towards the unlock tab

## Step 2



- With the tabs still in the unlock position, slide the battery away from the main case.

## Step 3 — Keyboard



- Flip the computer over so the Vaio logo is facedown
- Unscrew the 2 screws next to the battery

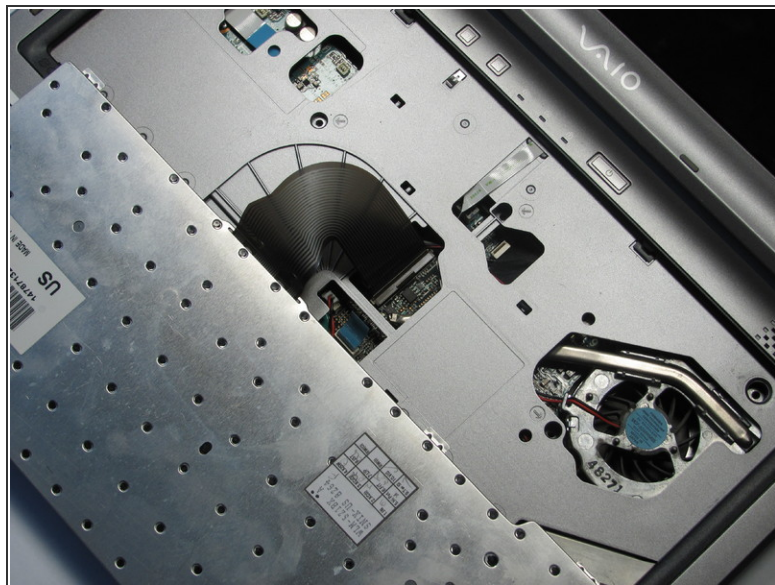
## Step 4



- Flip the computer over again so the Vaio logo is face up
- Open the lid

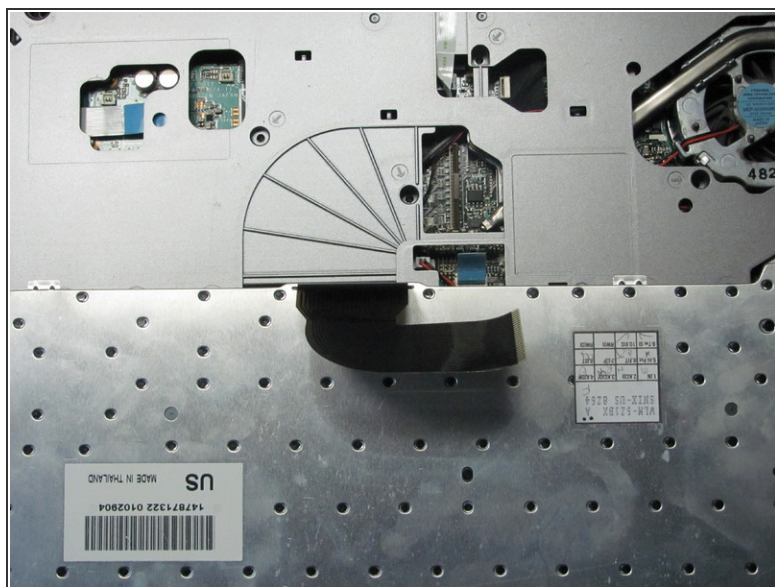
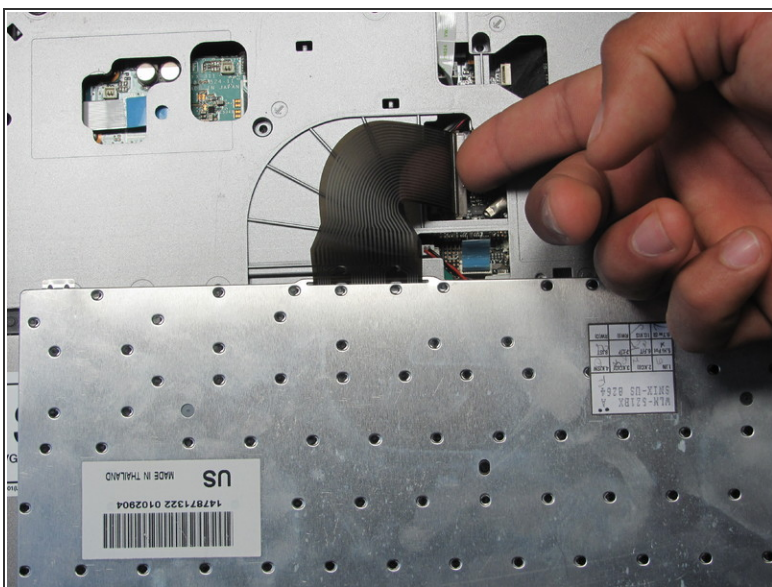


## Step 5



- Press down on the outer gray shell around the keyboard
  - Use the spudger to gently lift keyboard
- ⚠ Do not pull up the keyboard too far as it is attached to a ribbon underneath

## Step 6



- Lift up lever underneath the ribbon to detach the keyboard.

## Step 7 — Upper Casing



- Remove memory/wireless compartment cover

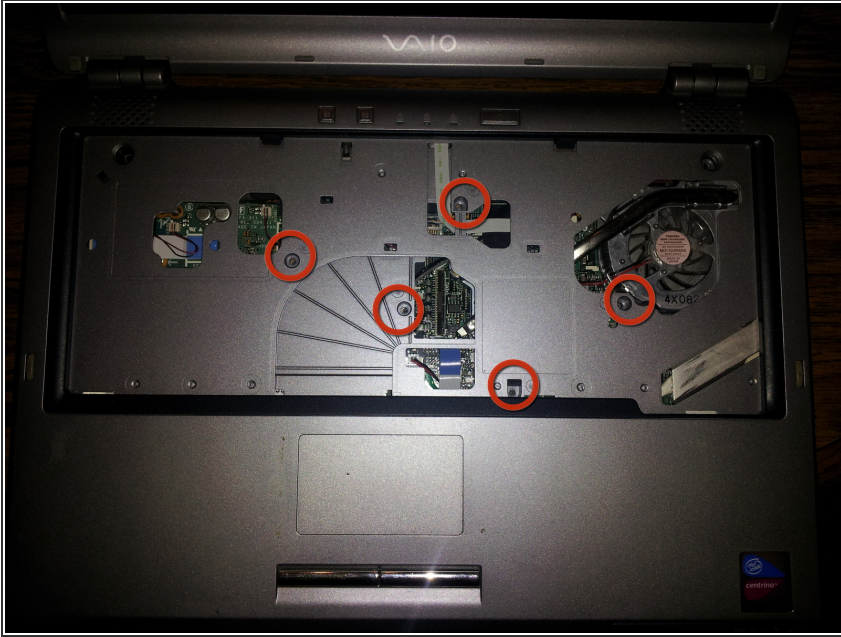
## Step 8



- Flip so the Vaio Logo is face down
- Locate and remove a total of 8 screws on the bottom.

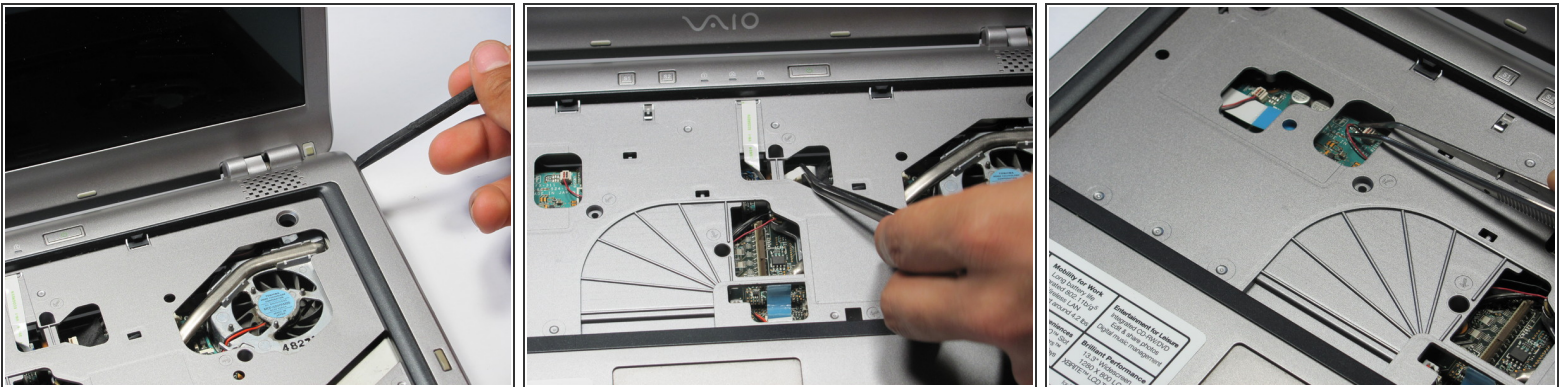


## Step 9



- Find and remove 5 screws (they all have arrows next to them) from cover

## Step 10



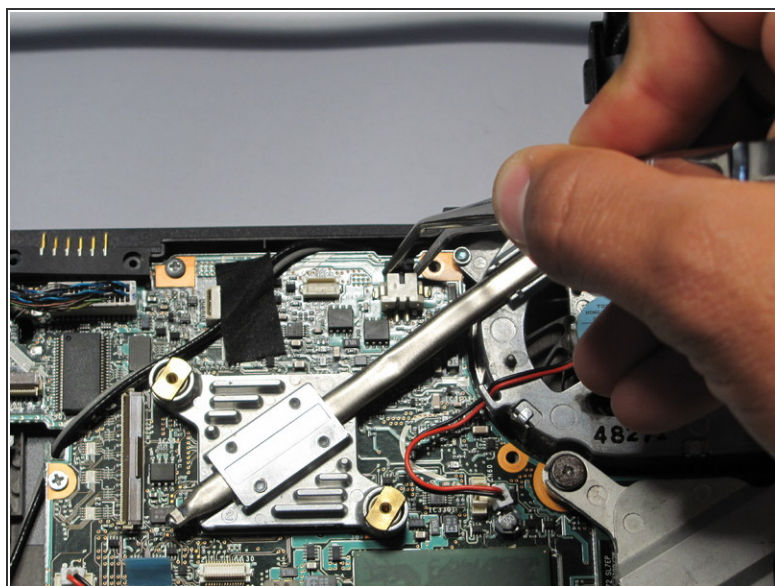
- Flip the laptop over so the Vaio logo is face up
- Use the spudger to pop up the upper casing
- ⚠ Do not lift too much as the Uppercasing is attached to wires underneath
- Remove the wires that are attaching the uppercasing to the motherboard

## Step 11



- Remove the uppercasing

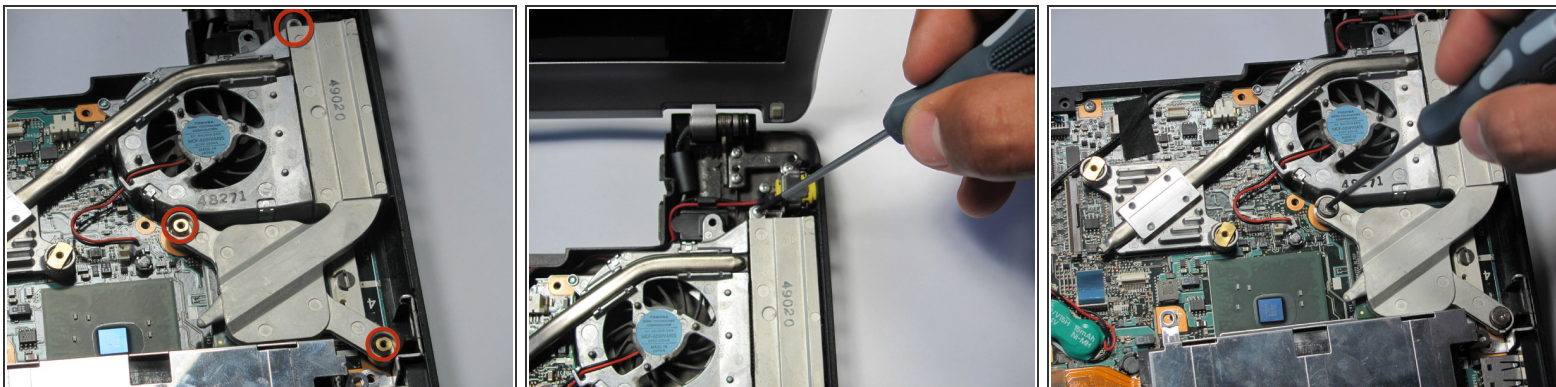
## Step 12 — Power Adapter



- Locate the yellow power adapter
- Follow its wire to white logic board connector
- Pull out the wire from white logic board connector

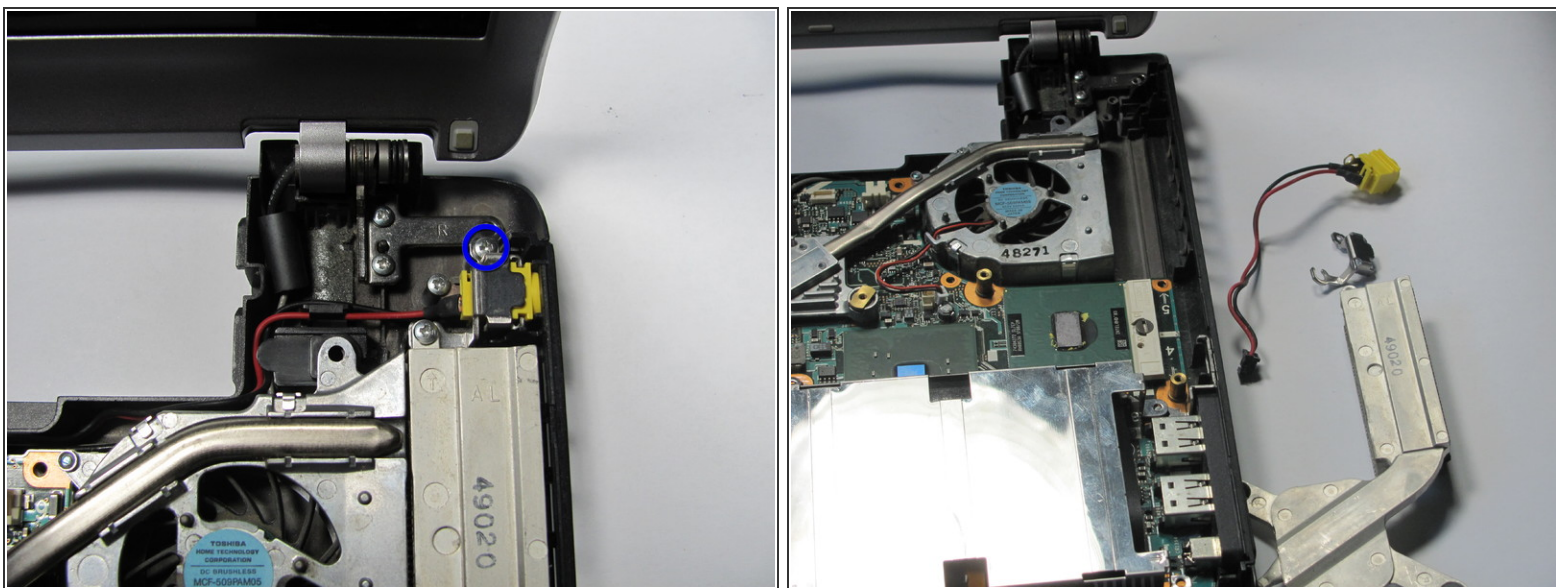


## Step 13



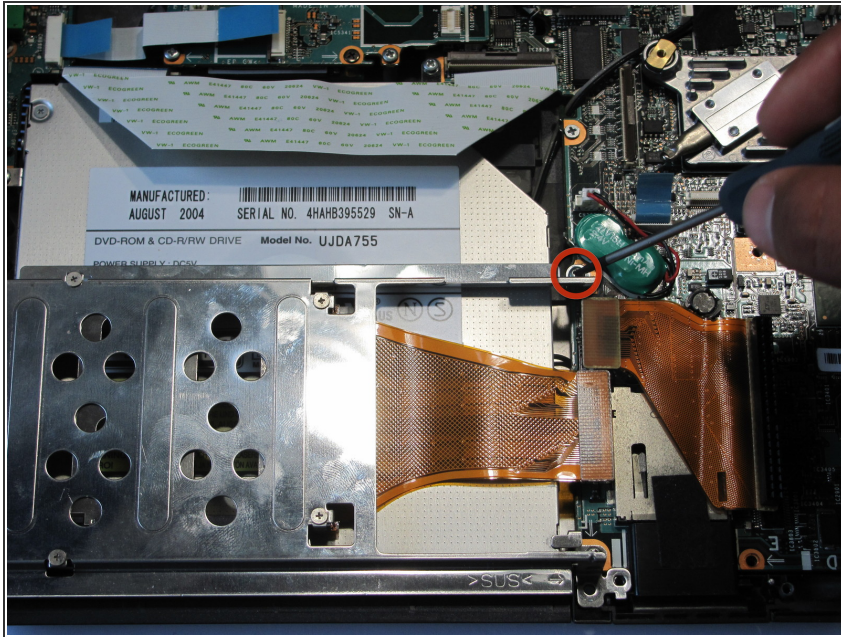
- Locate the screws on the fan filter casing
- Remove these screws

## Step 14



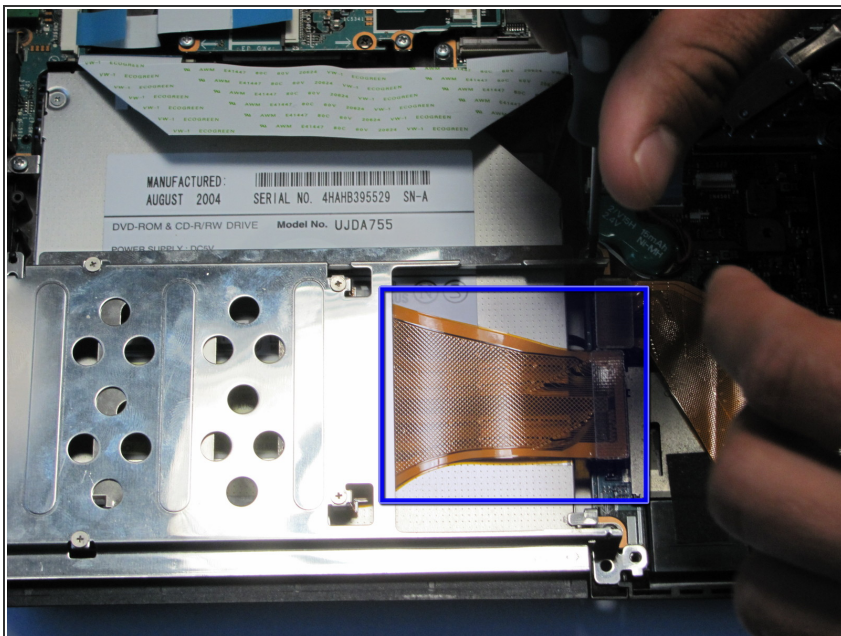
- Remove the screw next to the yellow power adapter
- Lift out power adapter and fan filter

## Step 15 — Optical Drive



- Locate the screw holding the optical drive casing to the logic board
- Remove this screw

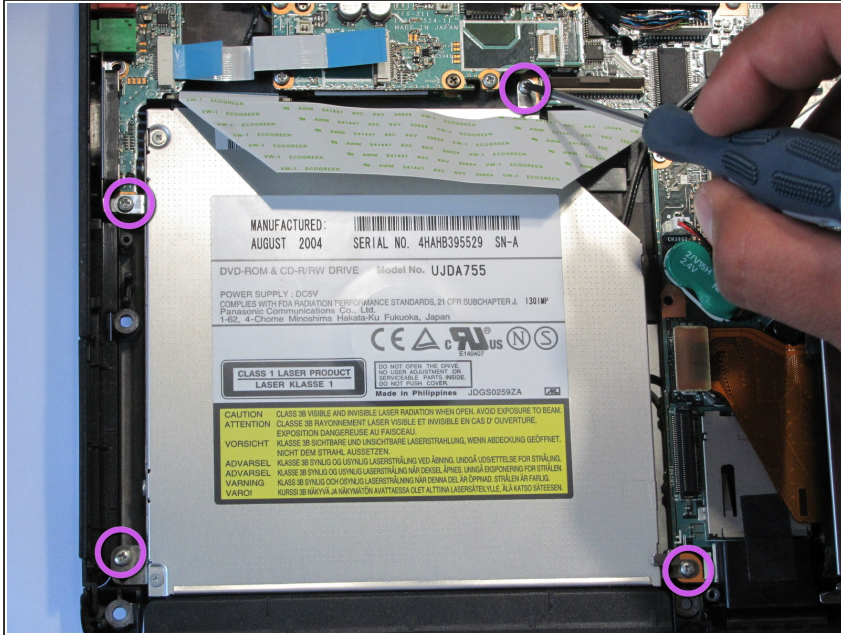
## Step 16



- Locate ribbon connecting optical drive case to logic board.
- Pop off the ribbon
- Remove the metal PC-Card cage



## Step 17



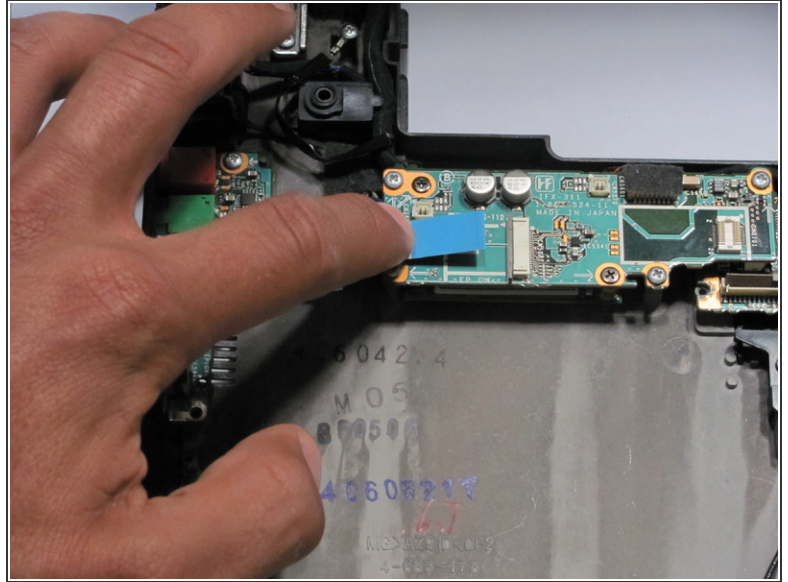
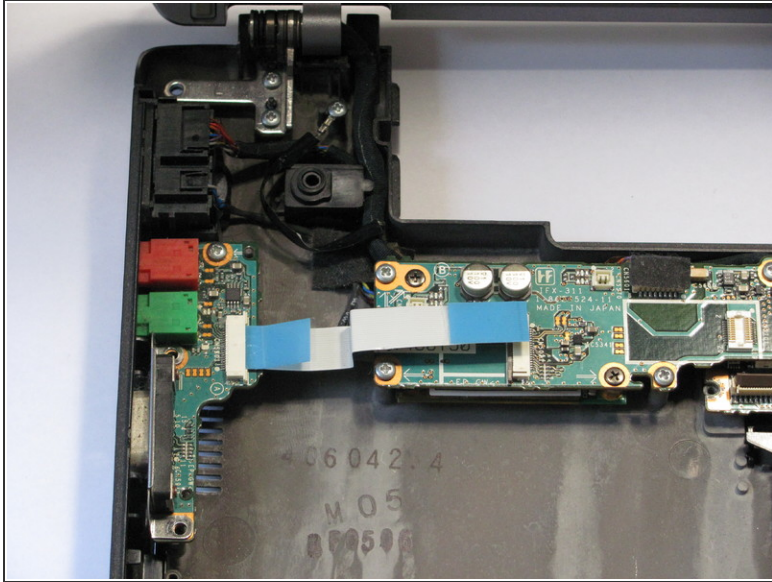
- Locate the four screws holding the optical drive to the logic board
- Remove the screws

## Step 18



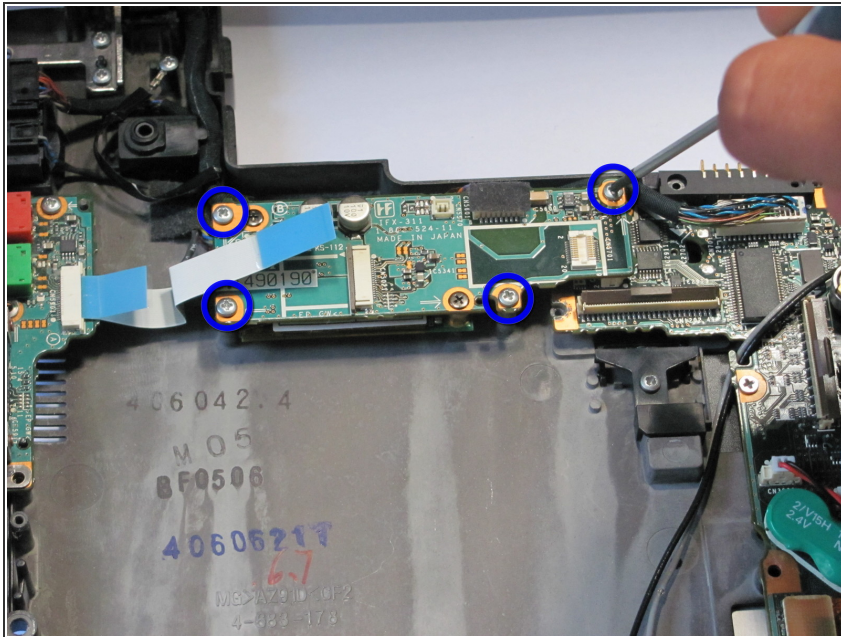
- Locate brown locking tab above optical drive.
- Lift up on brown locking tab until ribbon is loose
- Gently slide out and remove the optical drive from the computer

## Step 19 — Ethernet Ports



- Remove the blue ribbon from the Ethernet Circuit Board

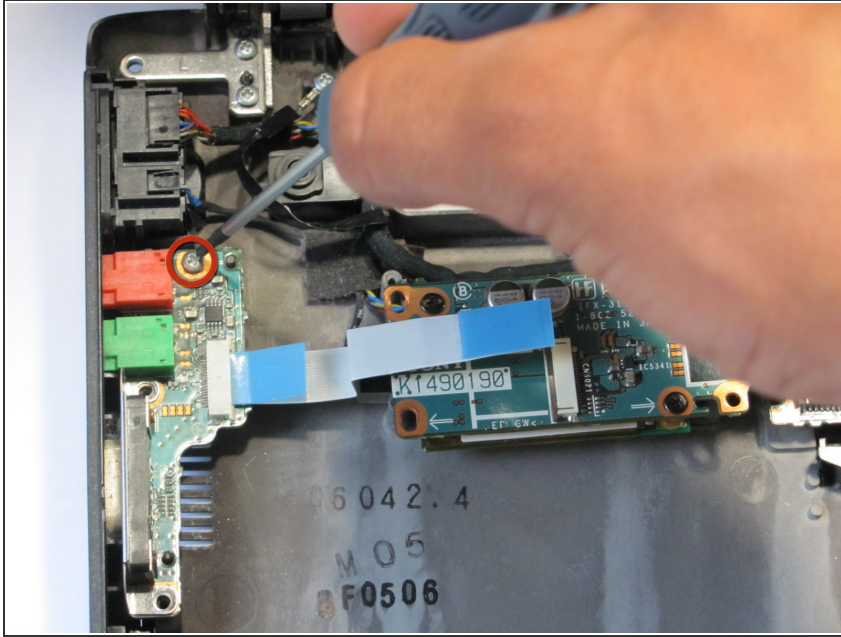
## Step 20



- Locate the screws near the Ethernet Port circuit board
- Remove the screws.

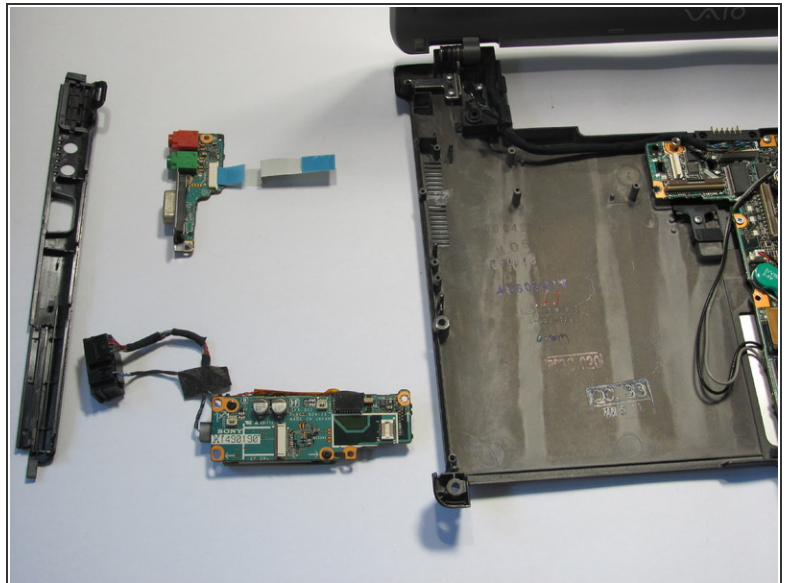
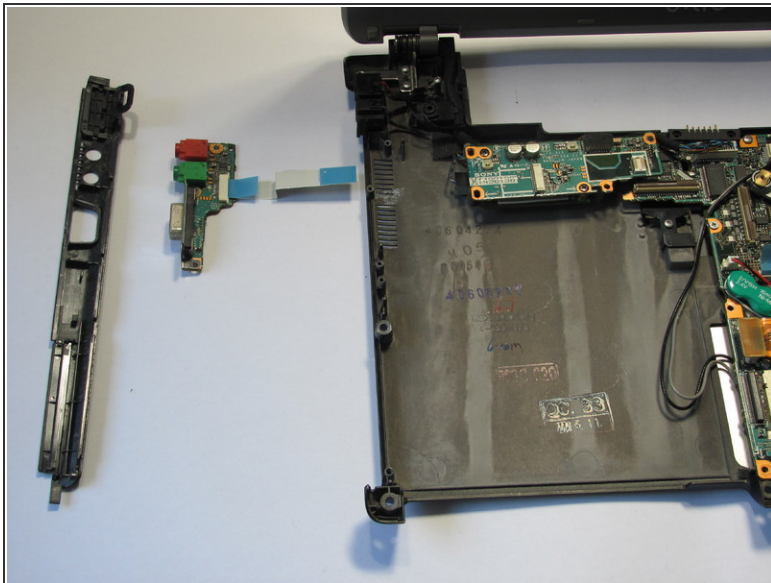


## Step 21



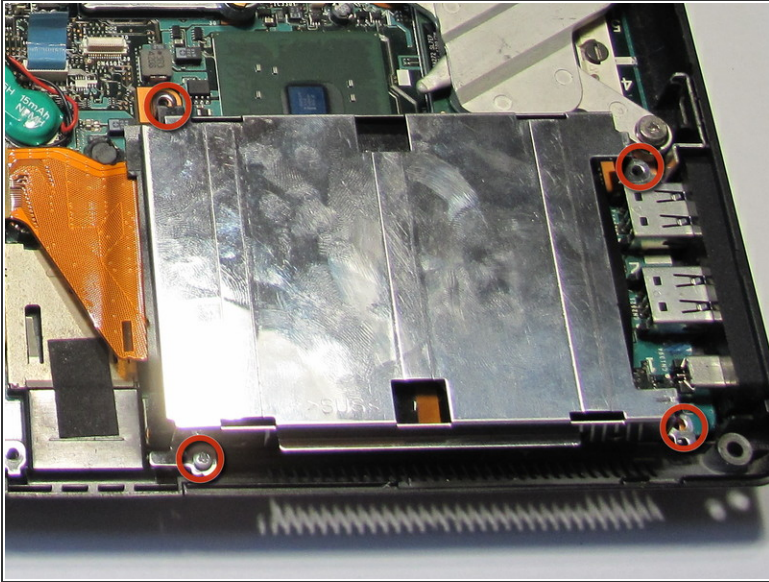
- Locate the screws for the second ethernet circuit board
- Remove the screws

## Step 22



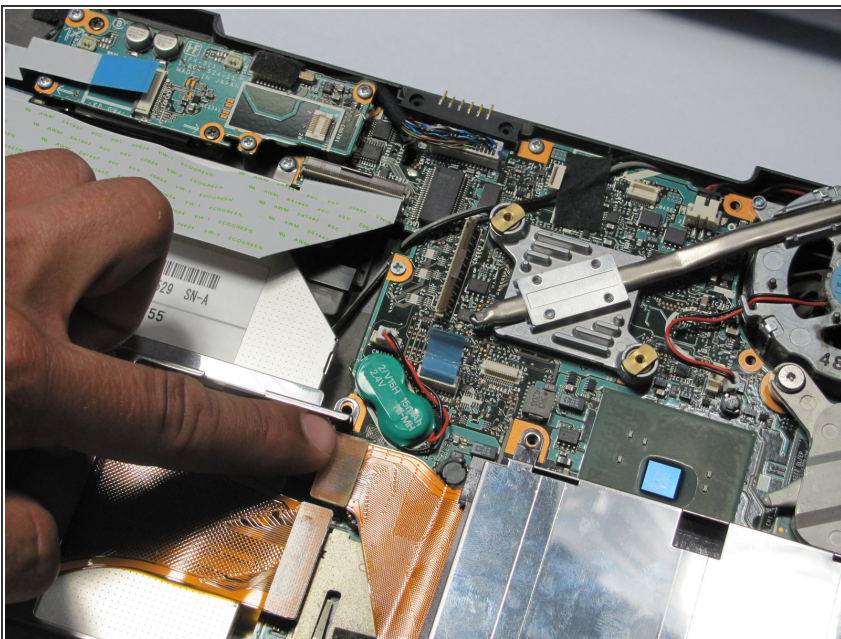
- Remove the ethernet ports

## Step 23 — Hard Drive



- Locate the screws holding the hard drive casing in place.
- Remove the screws

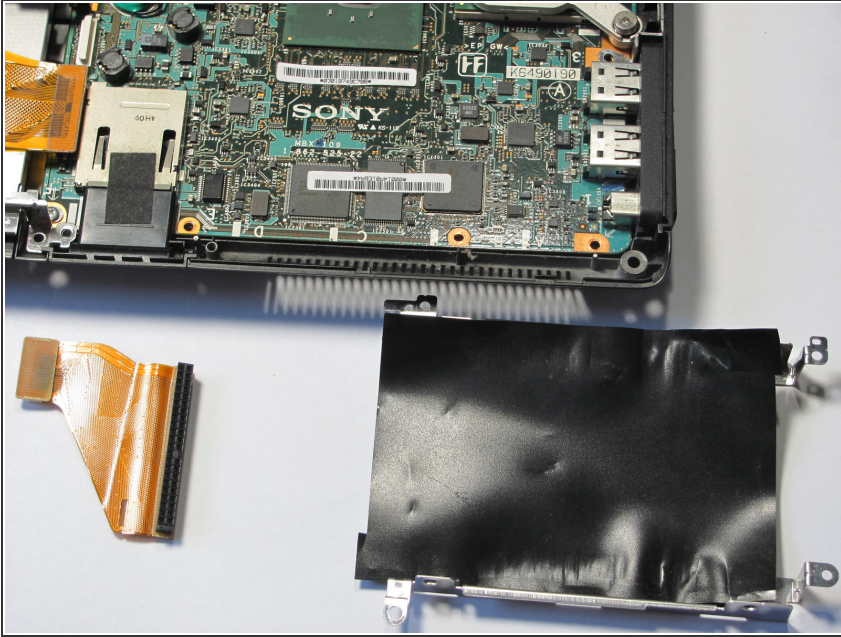
## Step 24



- Find orange ribbon that is connected to the hard drive.
- Find the holder of the ribbon and pop the ribbon off from it

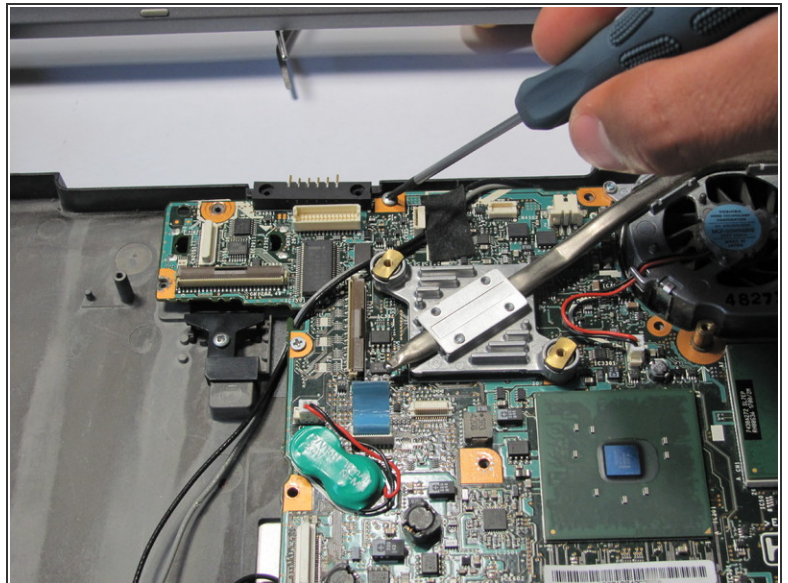
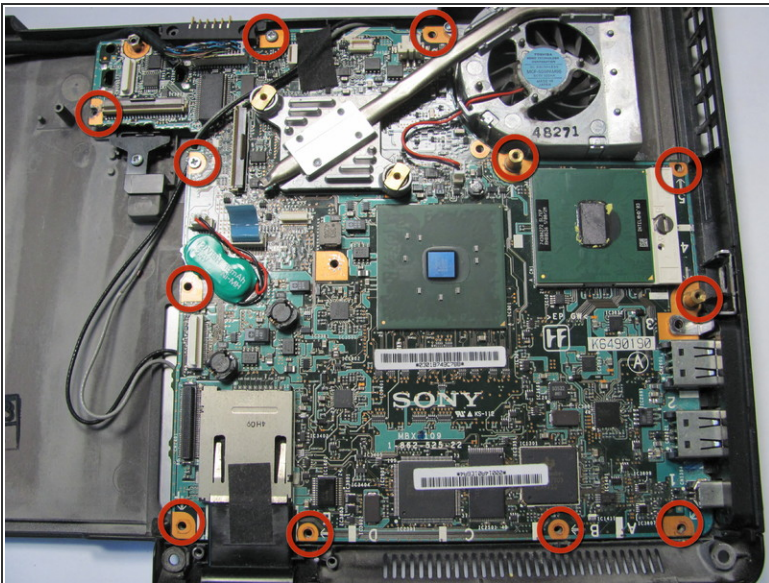


## Step 25



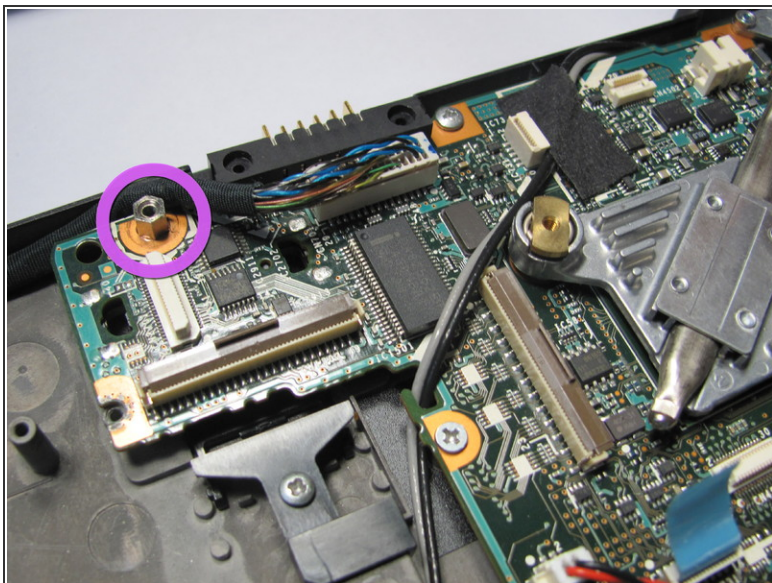
- Remove the casing and the orange ribbon

## Step 26 — Logic Board



- Locate screws on the logic board
- Remove the screws

## Step 27



- Locate nut on logic board
- Take out the nut using the 5mm nut driver
- ⓘ Using a magnetic screwdriver handle will also work as well



## Step 28



- Remove the LCD display ribbon


 It is helpful to use the spudger here

 This is difficult to remove

## Step 29



- Gently lift the logic board from the laptop.

 The logic board will be attached to the network wireless chip, which is also attached to the base of the laptop

- Remove the chip by popping the tabs on the side
- Slide out the network card
- You are now free to take the logic board away from the base

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-19 08:20:09 AM.